

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"09830306"	US-PGPUB; USPAT	OR	OFF	2011/01/10 15:39
S6	12	"05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830"	US-PGPUB; USPAT	OR	ON	2011/01/11 11:38
S7	5	"05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830") and (speech voice) adj1 recogni\$4	US-PGPUB; USPAT	OR	ON	2011/01/11 11:38
S8	1	"05,956,683" "05,917,835" "05,897,616" "06,775,652" "05,305,332" "05,636,231" "05,673,363" "05,706,396" "05,774,837" "05,991,725" "06,157,830") and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:39

S9	16	704/222.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:39
S10	178	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:40
S11	71	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) with frame	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:40
S12	37	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4) with frame	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:42
S13	1	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter ) with (conceal\$4 eras\$4 replac \$4) with frame with vector	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:43
S14	1	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 same (distribut \$4 transmi\$4 communicat \$4 transfer\$4) and (parameter vector) with (conceal\$4 eras\$4 ) with frame	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:46

S15	0	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4 ) with frame and replac\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:46
S16	3	"704"/\$.ccls. and @ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4 ) with frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:47
S17	3	@ad< "19981113" and (speech voice) adj1 recogni\$4 and (parameter vector) with (conceal\$4 eras\$4 ) with frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 11:52
S18	0	@ad< "19981113" and (speech voice) adj1 recogni\$4 with (distribut \$4 transmi\$4 transfer\$4 communicat\$6) and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment\$4 block frame)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:07
S19	0	704/222.ccls. and @ad< "19981113" and distributed with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:08
S20	0	704/201.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:09

S21	2	704/231.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:09
S22	0	704/221.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (parameter frame vector) with (conceal\$4 eras\$4 replac\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:10
S23	0	704/231.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:12
S25	0	704/233.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:12

S26	0	"704"/\$.ccls. and @ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:13
S27	0	@ad< "19981113" and (distribut\$4 transmi\$4 transfer\$4 communicat \$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac\$6 substitut\$4) with (error\$4 loss lost) with (segment block frame)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/11 12:13

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L47	0	704/222.ccls. and @ad< "20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm.	US_PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:42

L48	0	704/221.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:42
L49	0	704/201.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:42
L50	0	704/231.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:42
L51	0	704/233.ccls. and @ad<"20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$4 loss lost)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:42

L52	0	@ad< "20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:43
L53	1	@ad< "20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:43
L55	0	@ad< "20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with ( substitut\$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error\$6 loss lost))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:45
L63	0	@ad< "20011113" and (((speech voice) adj1 recogni\$4) with (parameter variable vector attribute feature) and (parameter variable vector attribute feature) with (recover\$4 correct\$4 conceal\$4 eras\$4 substitut \$4 replac\$4 copy) with (transmi\$4 transfer\$4 communicat\$4) with (error \$6 loss lost corrupt\$4) with (segment block frame))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 16:56
L67	7	(pearce-david\$ gibbs-jon\$).in. and (speech voice) adj2 recogni\$4	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 17:06

L68	2	(pearce-david\$ gibbs-jon\$). in. and (speech voice) adj2 recogni\$4 and replac \$4	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 17:07
S4	0	09/830306	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/10 15:40
S5	0	"09830306"	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/10 15:41
S43	0	704/233.ccls. and @ad<"19981113" and ((distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4) with (error \$4 loss lost) with (segment block frame))	USPAT; UPAD	OR	ON	2011/01/11 12:15
S44	0	704/222.ccls. and @ad<"19991113" and ((distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4) with (error \$4 loss lost) with (segment block frame))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 12:15
S45	0	704/222.ccls. and @ad<"19991113" and ((distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4 correct\$) with (error\$4 loss lost) with (segment block frame))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 12:16

S48	0	@ad<"19991113" and ((distribut\$4 transmi\$4 transfer\$4 communicat\$6) with (speech voice) adj1 recogni\$4 and (speech voice) same (parameter variable vector attribute) with (conceal\$4 eras\$4 recover\$4 correct\$4 replac \$6 substitut\$4 correct\$) with (error\$4 loss lost) with (segment block frame))	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/11 12:18
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